

Fig 1: 1% span 85



Fig 2A: 1% Brij 92

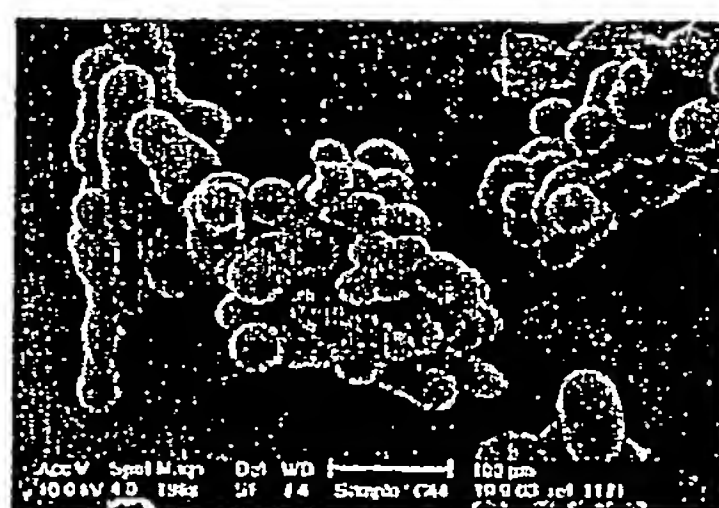


Fig 2B: 2% Brij 92

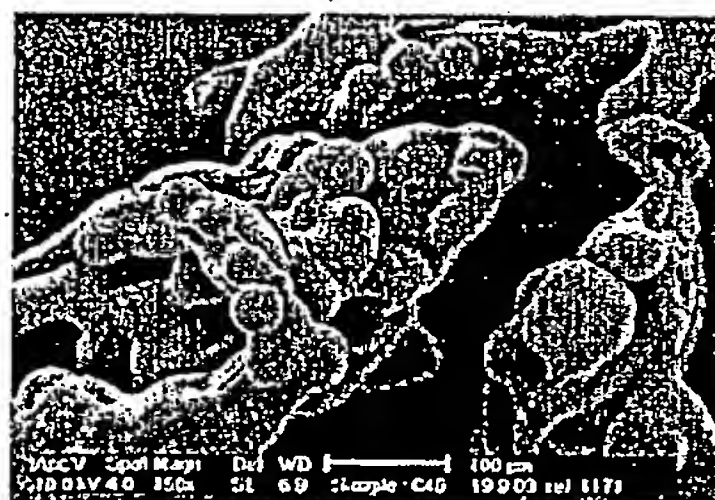


Fig 2C: 3% Brij 92

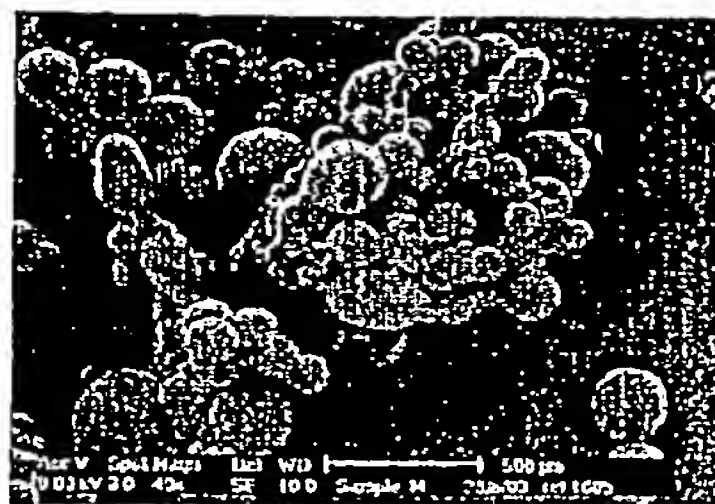


Fig 2D: 1% Brij 52 (dissolved in organic solvent phase)

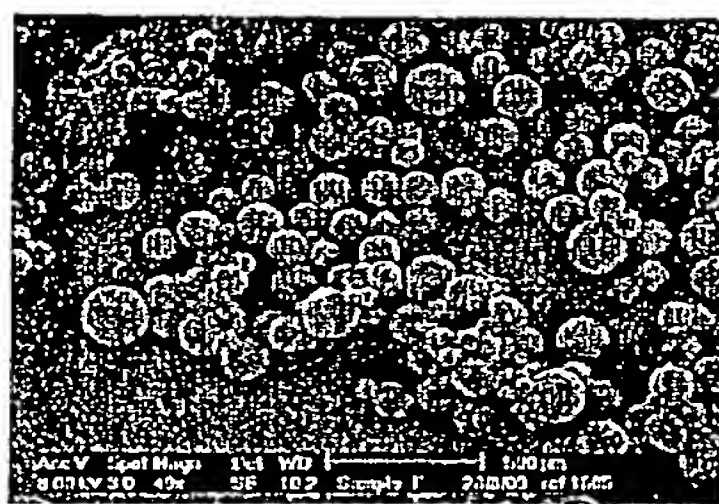


Fig 2E: 1% Brij 52 (heated)

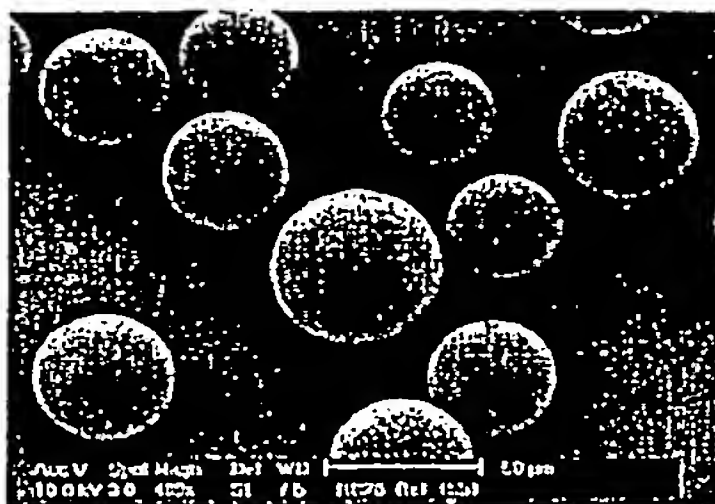


Fig 3A: 1% Arlacel 83

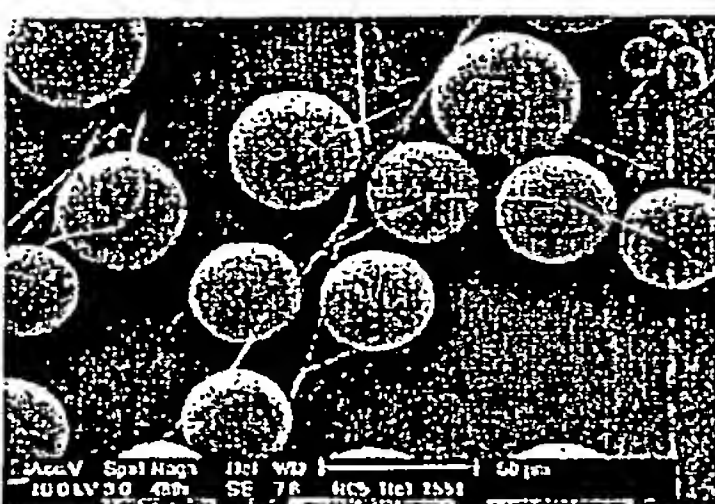


Fig 3B: 2% Arlacel 83

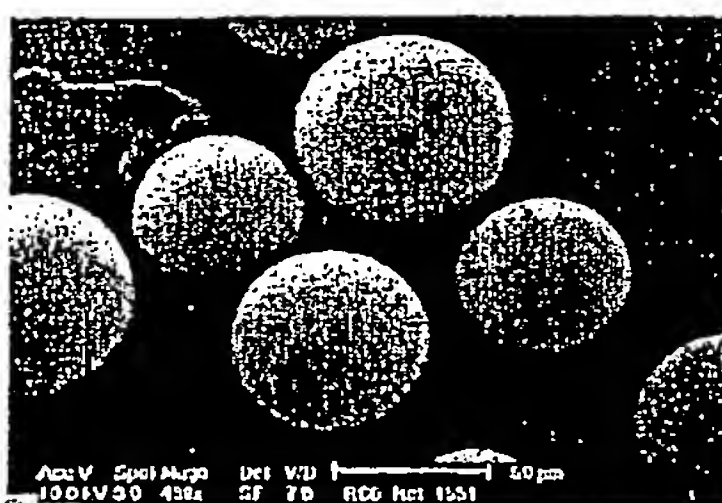


Fig 3C: 3% Arlacel 83

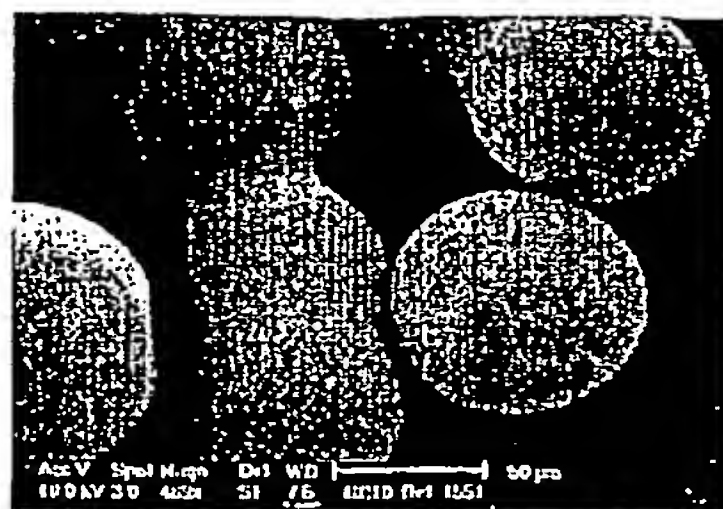


Fig 4A: 1% (14.4% Tween 80 and 85.6% span 85)

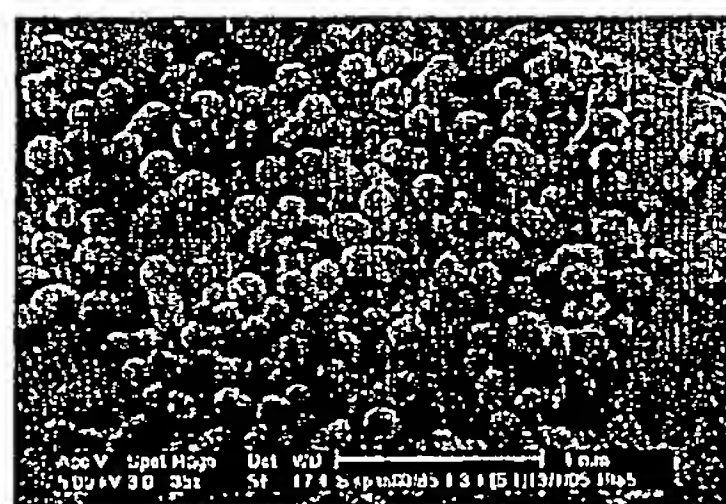


Fig 4B: 1% (span 80/85 (1.3:1))

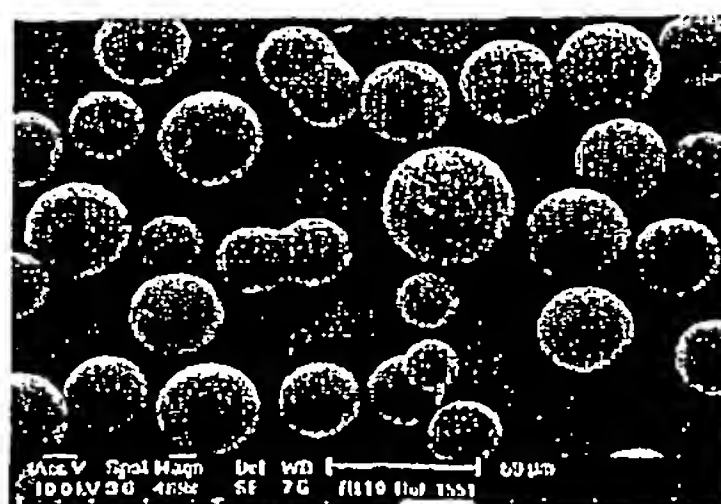


Fig 5: Eudragit L100/1% Arlacel 83/20mL acetone/10mL methanol

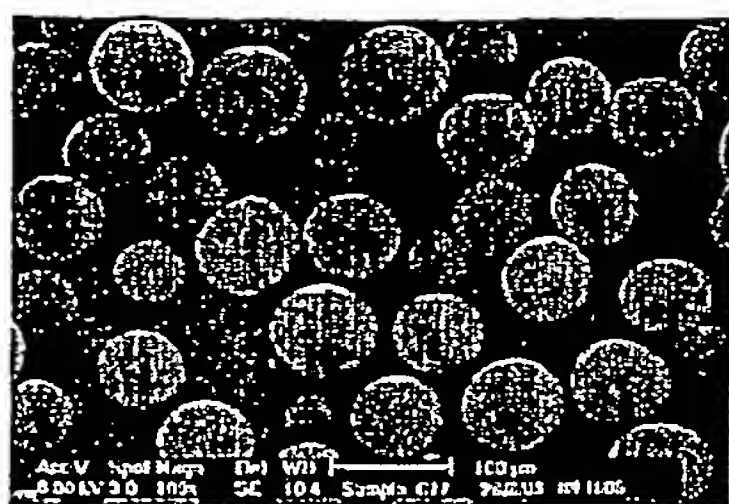


Fig 6A: 15mL acetone/15mL methanol

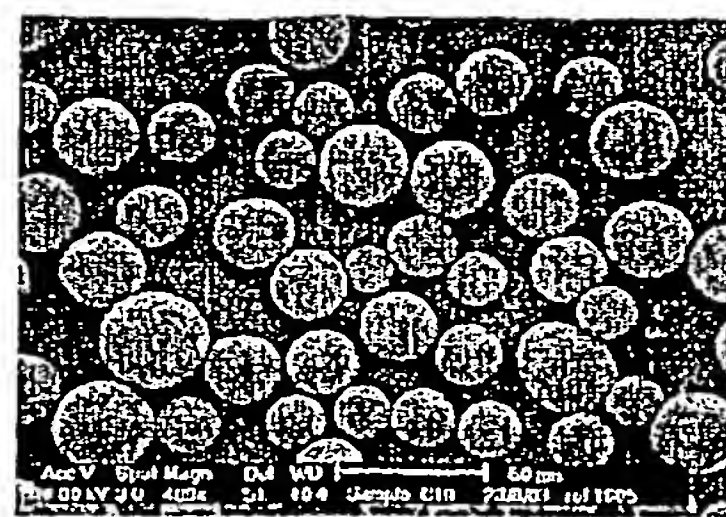


Fig 6B: 15mL acetone/15mL ethanol

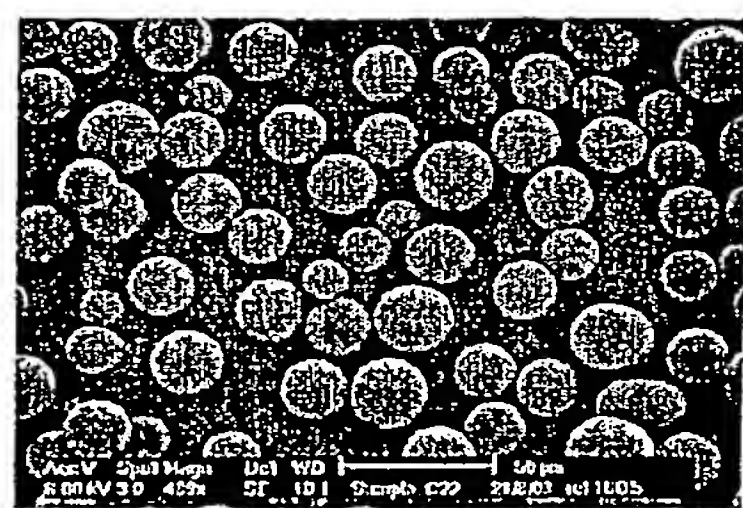


Fig 6C: 20mL acetone/10mL ethanol

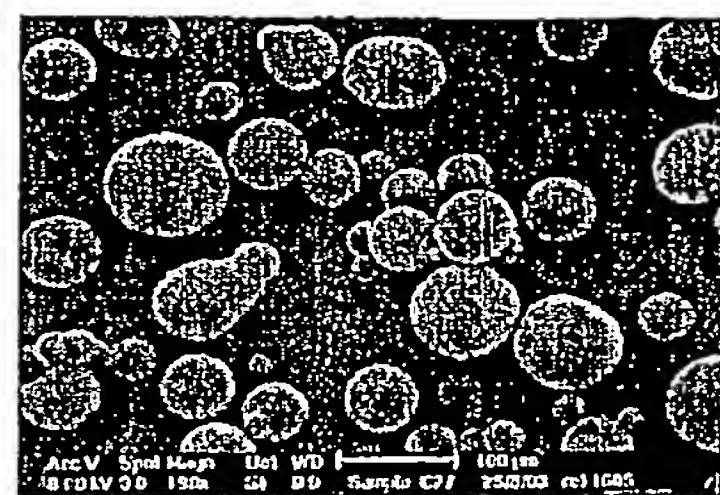


Fig 6D: 25mL acetone/5mL ethanol

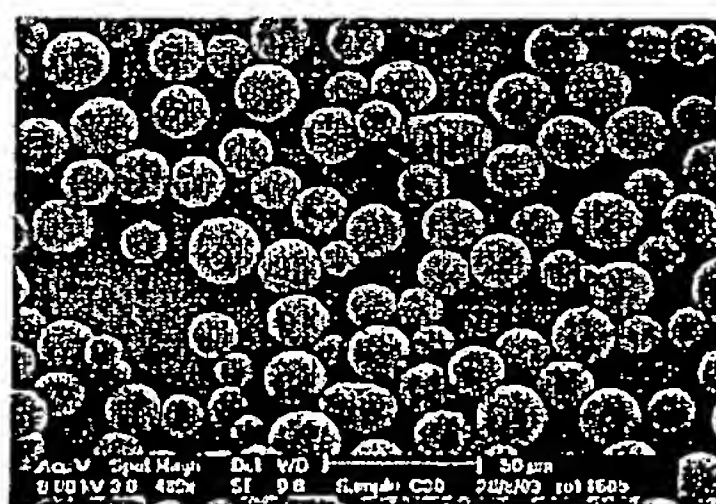


Fig 6E: 25mL acetone/5mL methanol



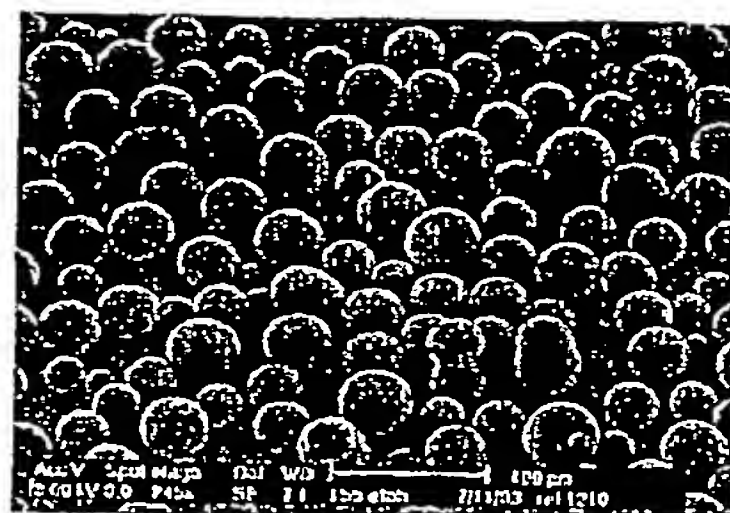


Fig 7A: 3g L100-55/30mL ethanol/1% Arlacel 83

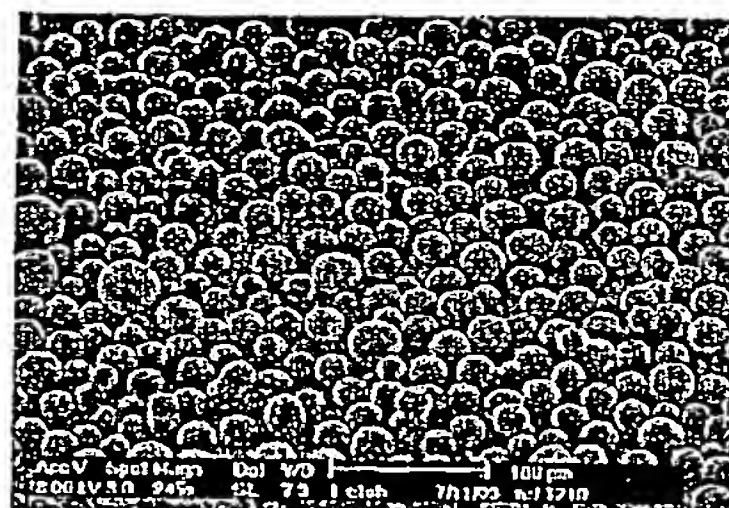


Fig 7B: 3g L100/30mL ethanol/1% Arlacel 83

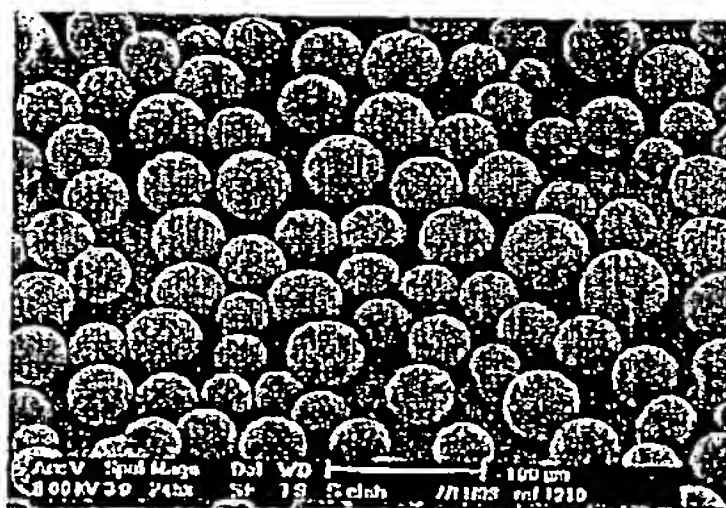


Fig 7C: 3g S100/30mL ethanol/1% Arlacel 83

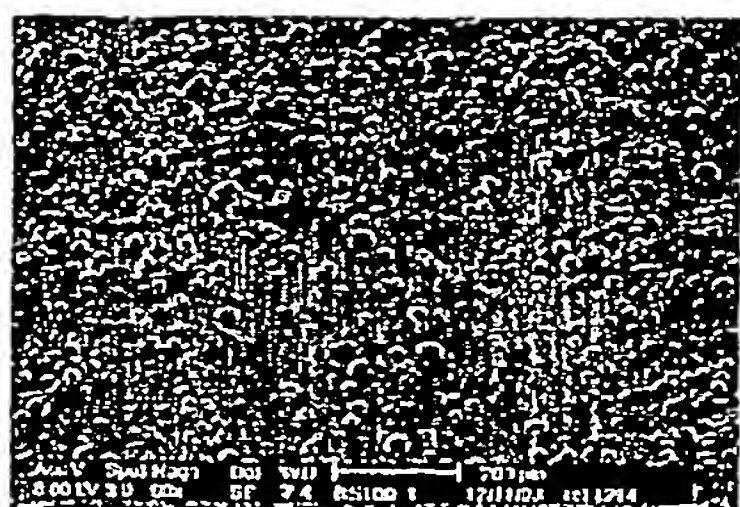


Fig 8A: 3g RS/30mL acetone

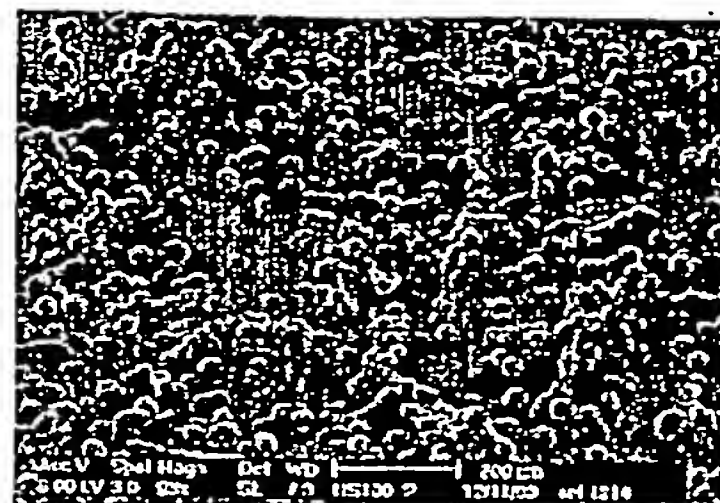
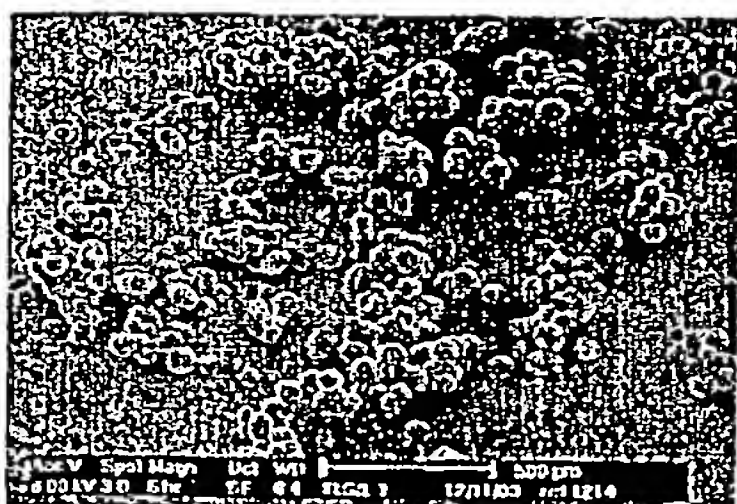
Fig 8B: 3g RS/30mL  
acetone/ethanol (1:1)

Fig 8C: RS/L acetone/ethanol (2:1)

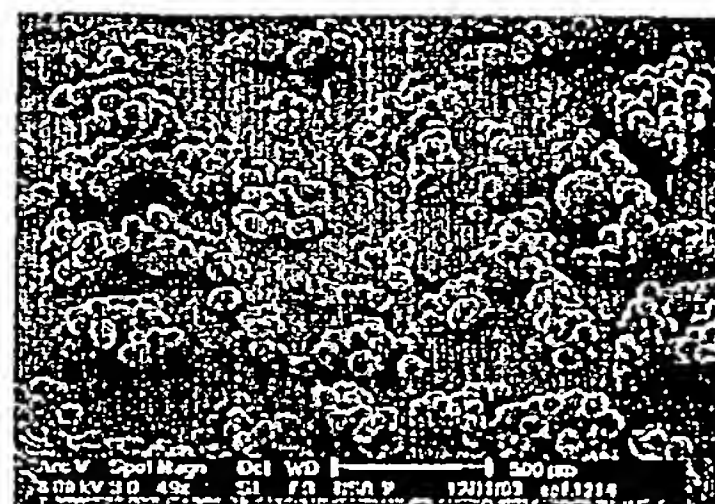


Fig 8D: RS/L acetone/ethanol (1:1)

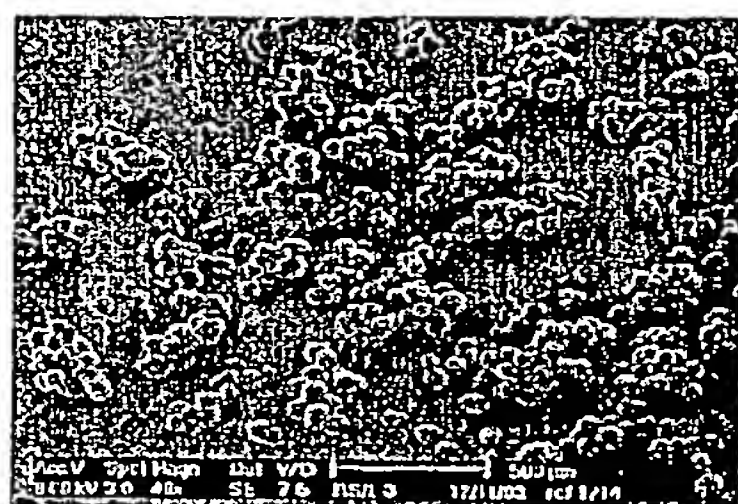


Fig 8E: RS/L acetone/ethanol (1:2)

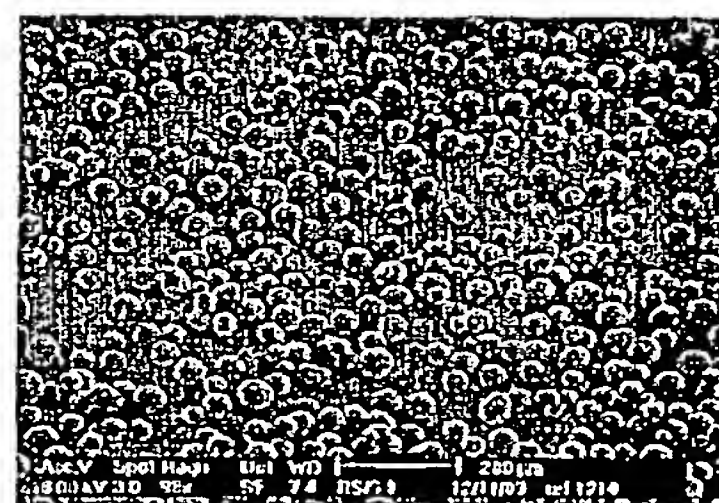


Fig 8F: RS/S acetone/ethanol (2:1)

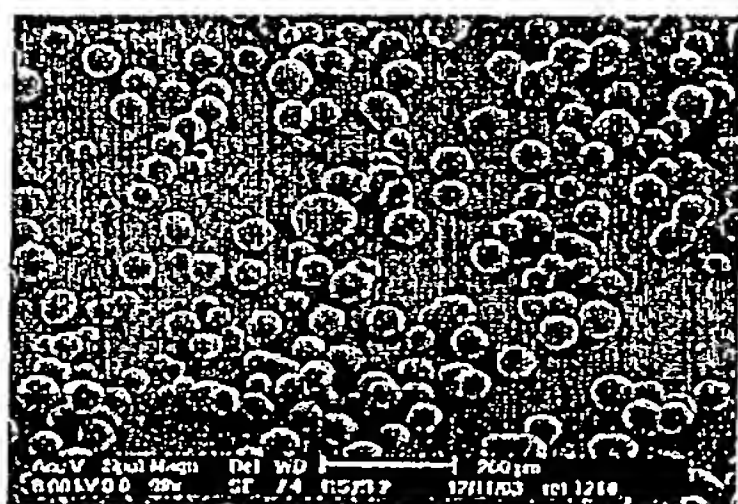


Fig 8G: RS/S acetone/ethanol (1:1)

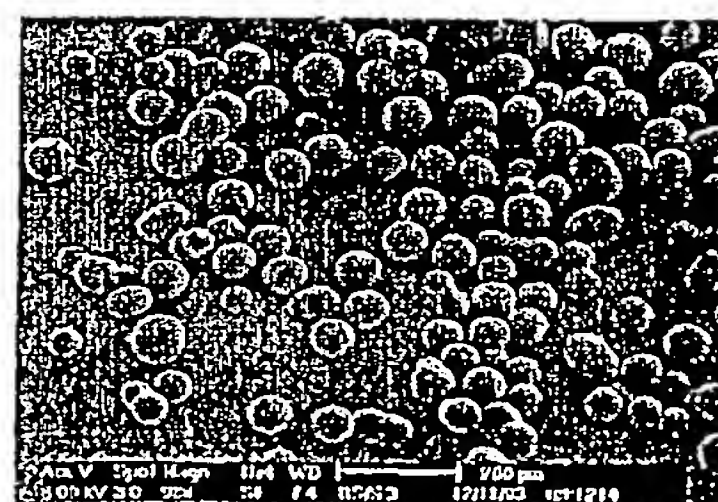
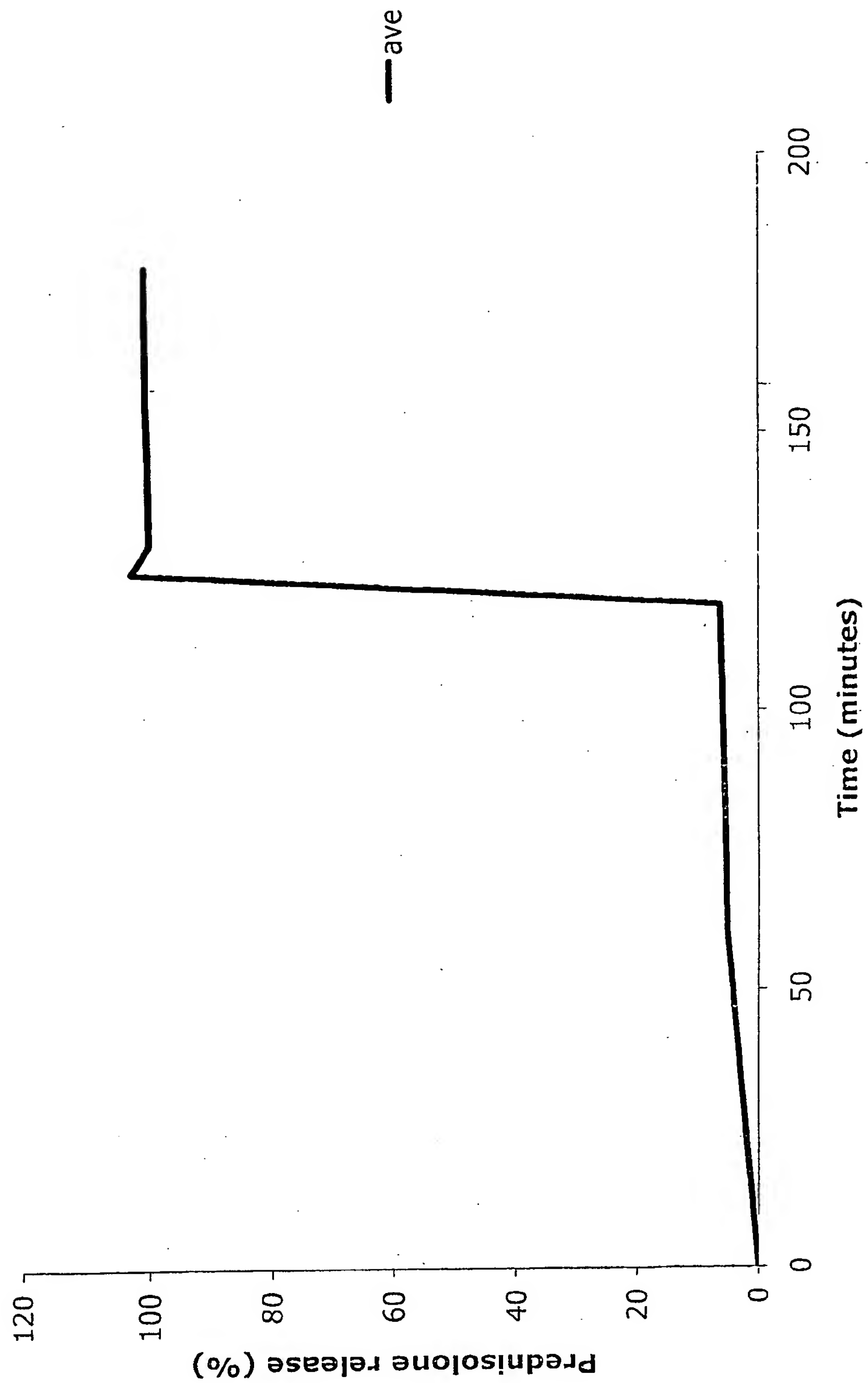


Fig 8H: RS/S acetone/ethanol (1:2)

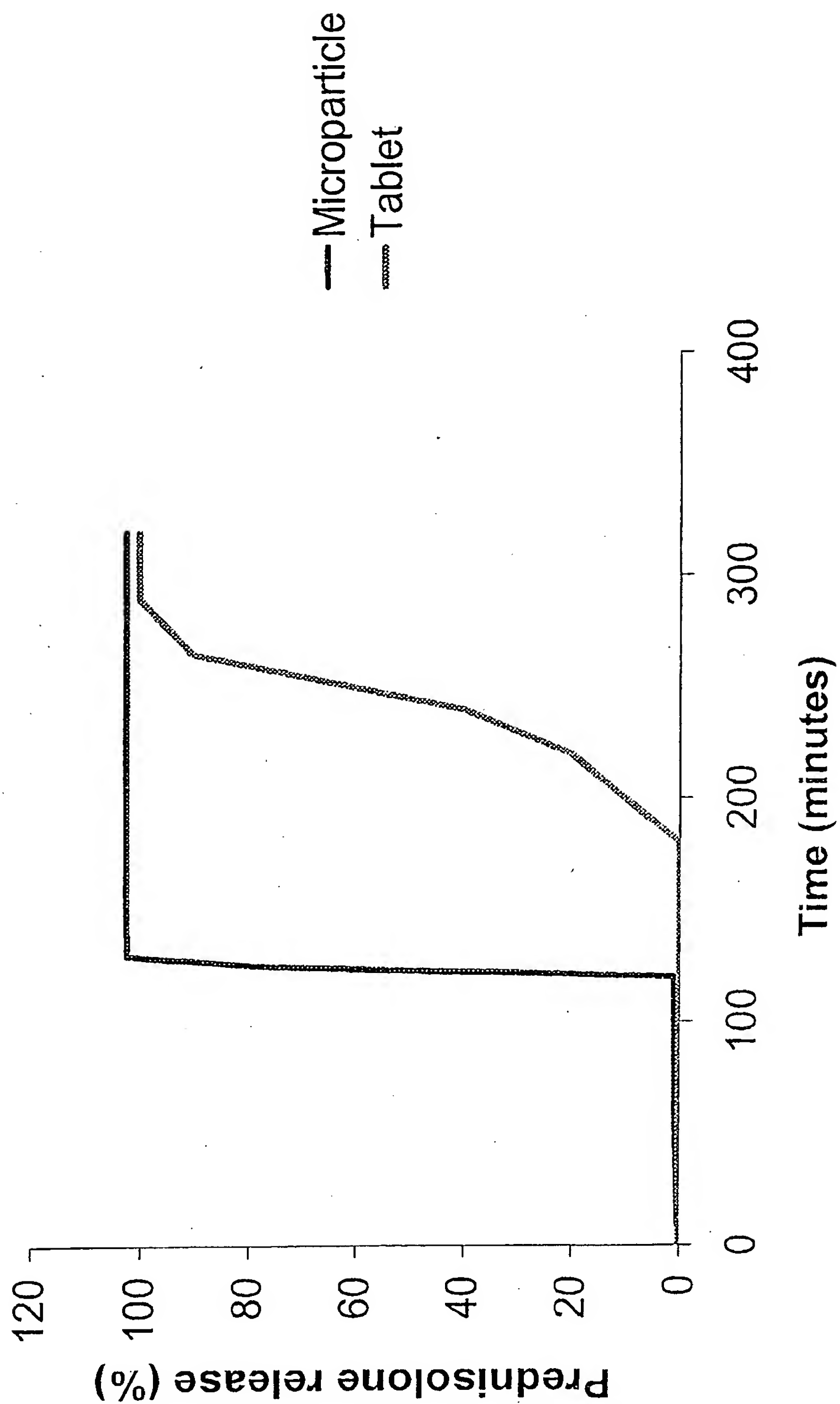


Fig. 9 Prednisolone release from Eudragit L100  
(10:1) particles (pH 1.2-6.8)



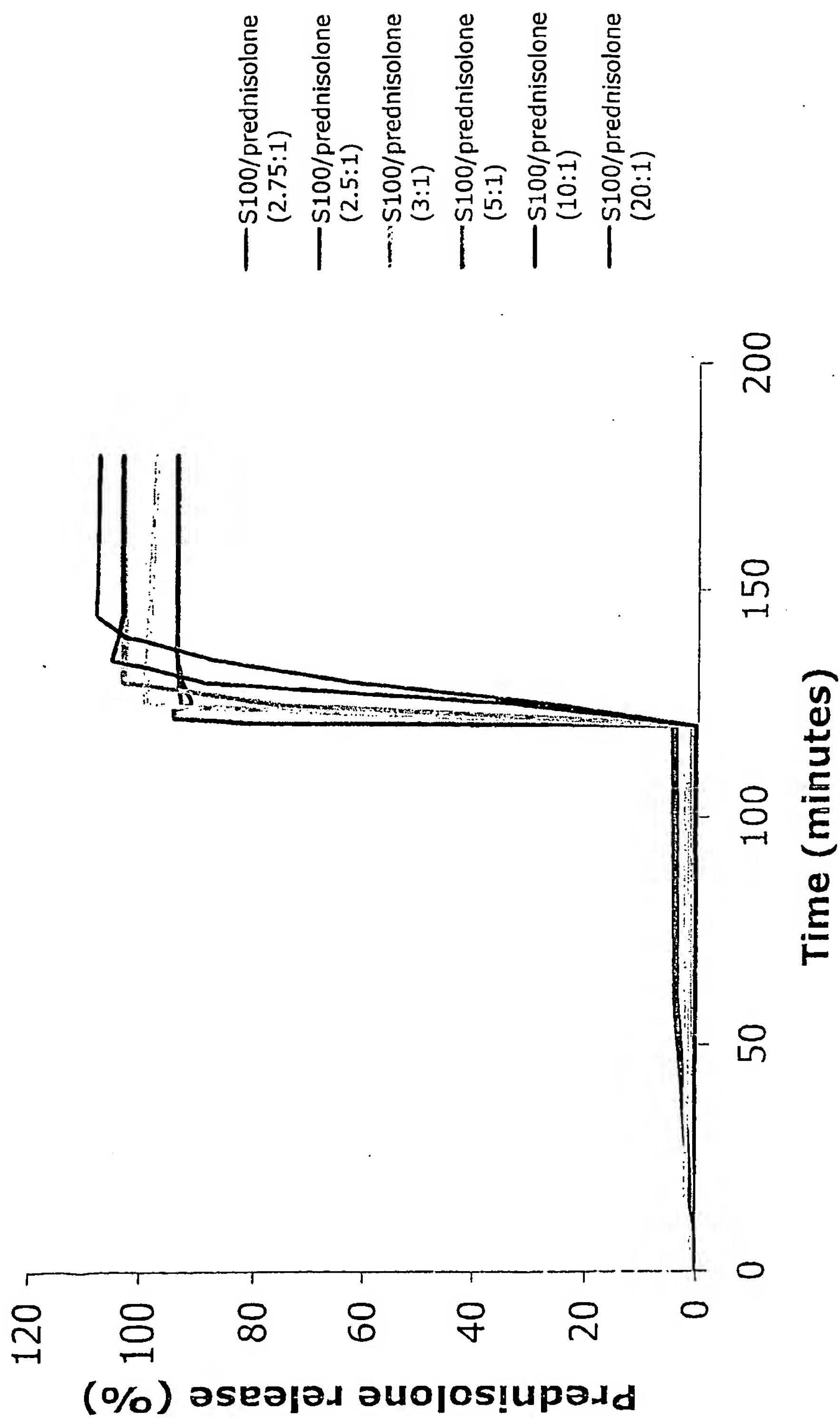
Prednisolone release from Eudragit S100 microparticles vs. S100 coated tablet (pH1.2-7.4)

Fig. 10



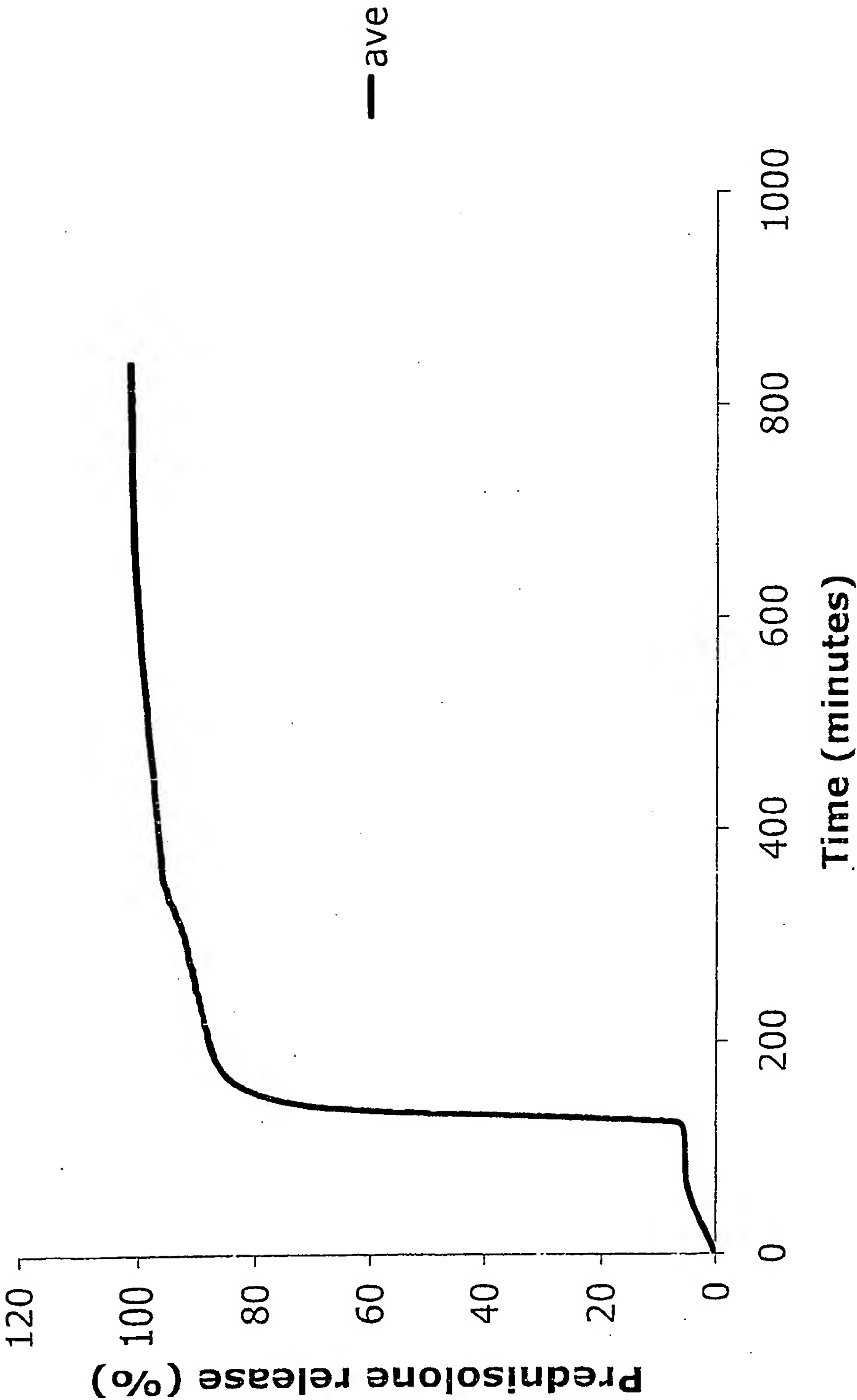
# **Prednisolone release from S100 microparticles (different drug loadings)**

Fig. 11



**Prednisolone release from RS/S (1:1)  
microparticles (pH 1.2-7.4)**

FIG. 12



# **S100/prednisolone (5:1) particles pH 1.2-7.4**

FIG. 13

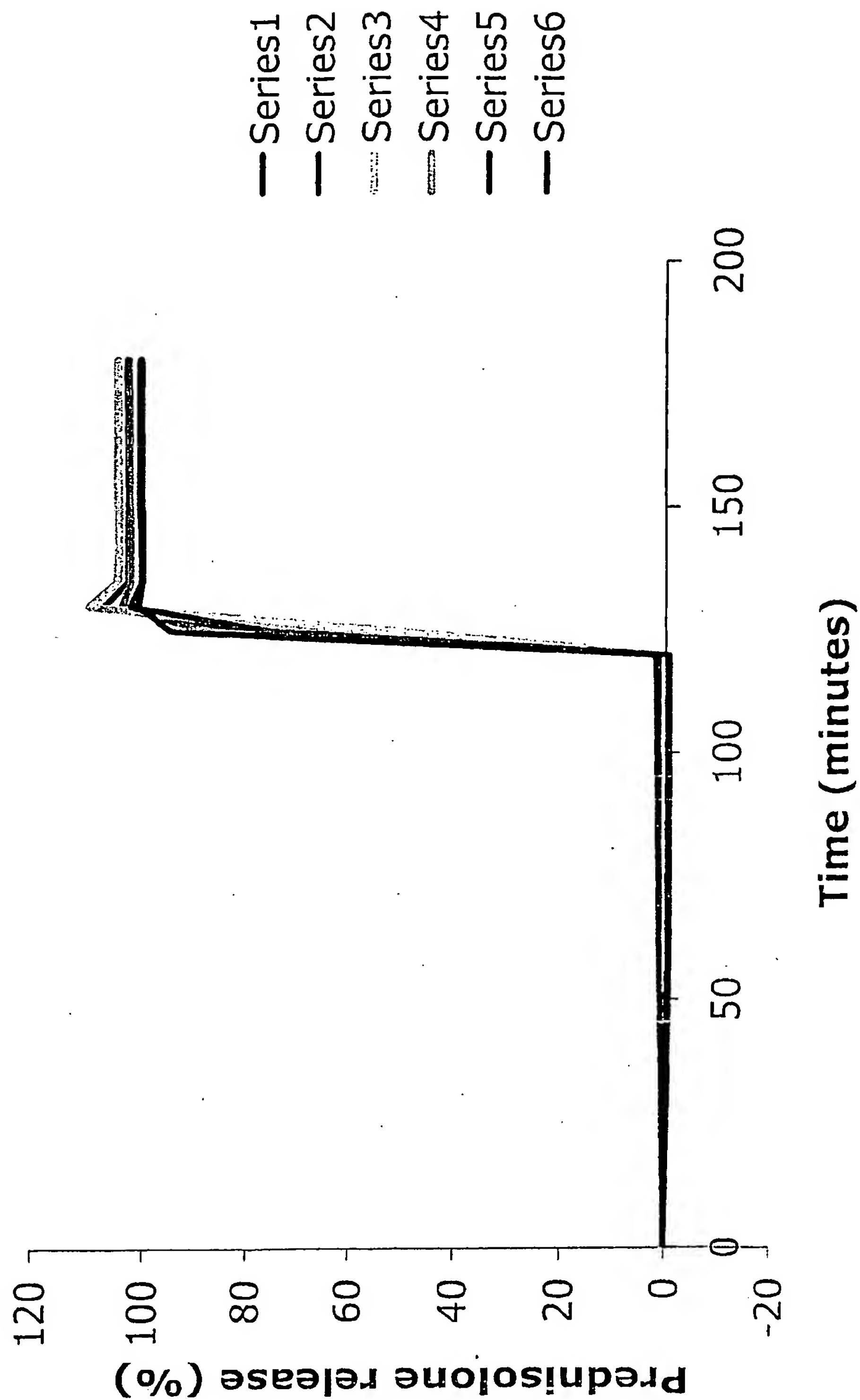




Fig. 14

Average prednisolone release from RS/S (1:1)  
microparticles (pH 1.2 (2hrs), pH 6.4 (1hr), pH 7.4  
(2hrs))

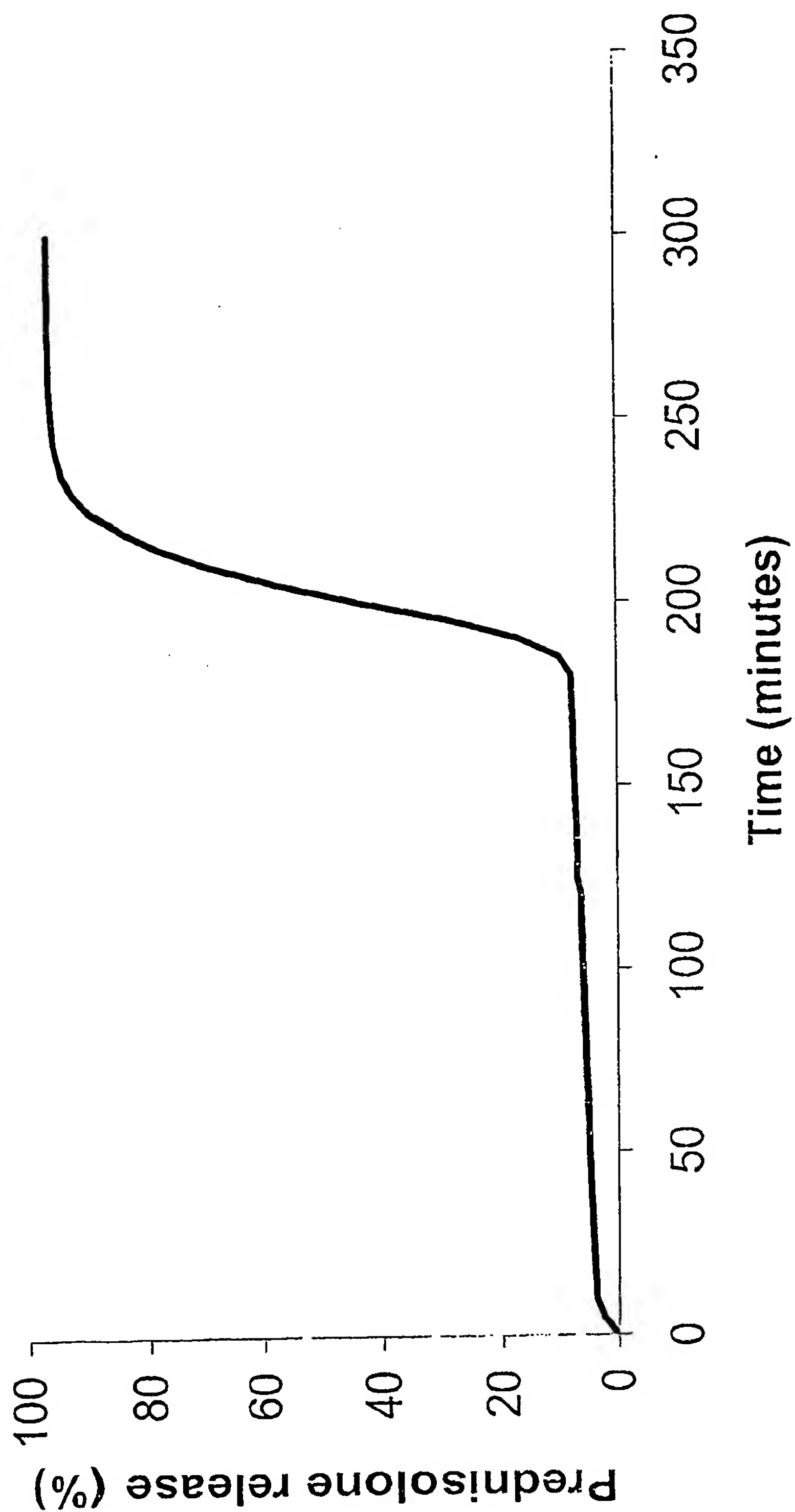


FIG. 15  
Prednisolone release from RS/S100 (1:1) and  
ECN7/S100 (1:1) microparticles (pH 1.2-7.4)

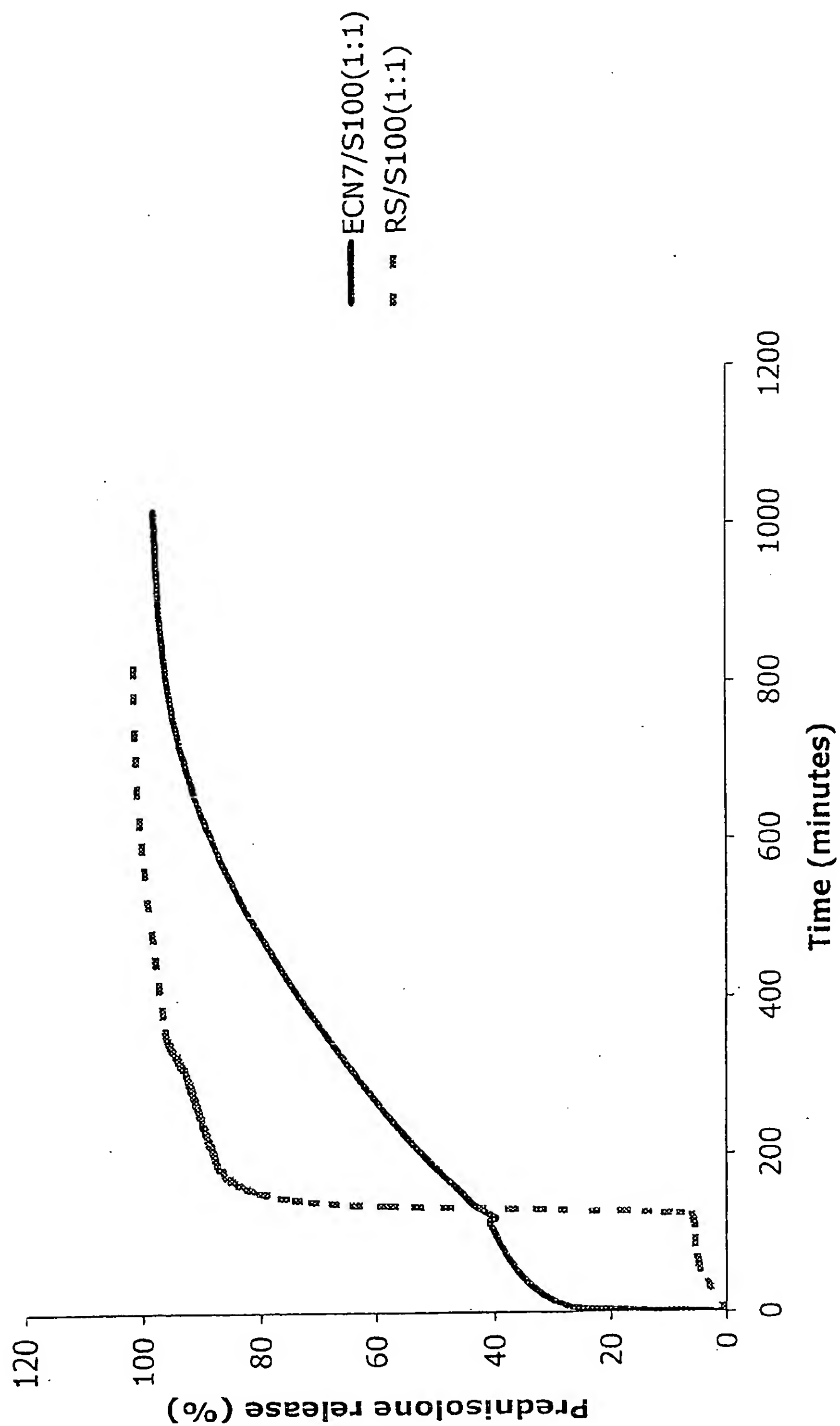
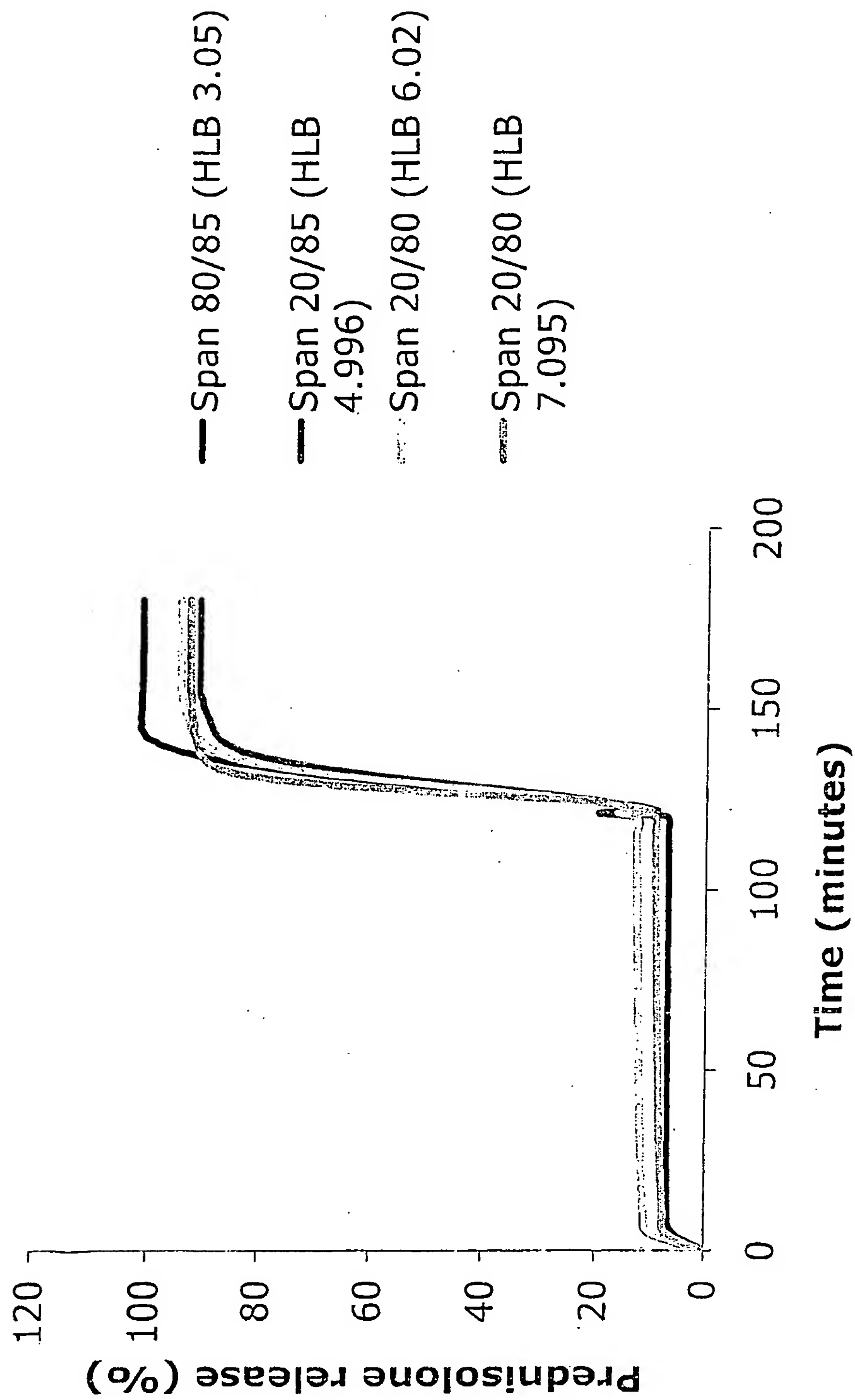


FIG. 16  
**Eudragit S/prenisolone (5:1)  
 microparticles pH1.2-7.4**



Drug release from Eudragit S microparticles  
(pH 1.2-7.4)

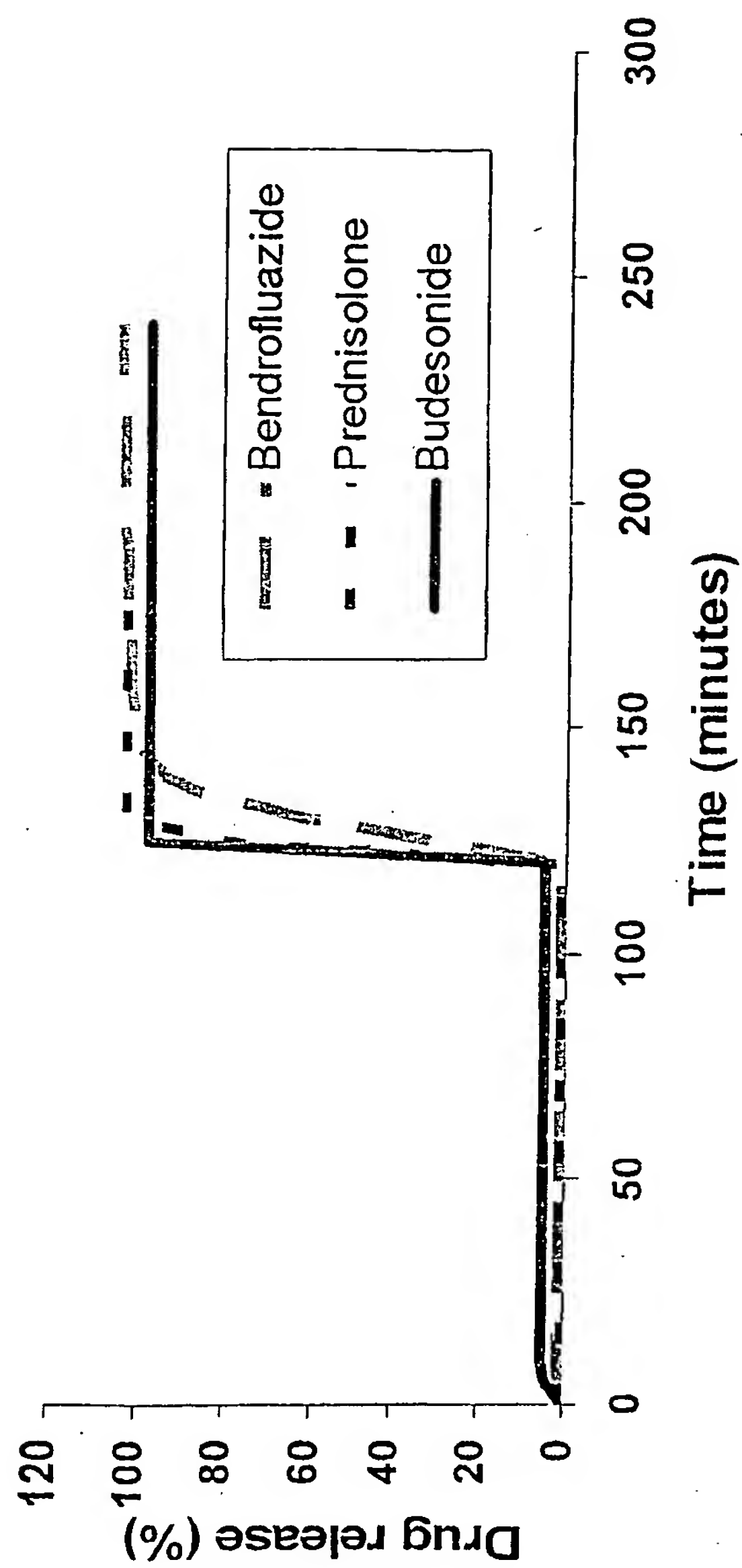


Fig. 17

